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Gordon Stewart

March 1, 2002  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Christopher A. Schantz et al. Group Art Unit: 1655

Serial No.: 09/558,532 Examiner: B.J. Forman

Filed: April 26, 2000

Title: ARRAY FABRICATION WITH DROP DETECTION

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

RESPONSE AND AMENDMENT

Please cancel claim 35 of the present application and amend other of the claims as indicated in the attached APPENDIX. A clean copy of the claims which includes all of the amendments presently being made, is reproduced below:

- A1
1. (AMENDED) A method of fabricating at least one addressable array of biopolymers with multiple features on a substrate using a drop deposition apparatus having a drop dispenser unit and a sensing element, comprising:
- (a) for each of multiple addresses, dispensing droplets carrying the biopolymers or biopolymer precursors from a drop dispenser unit onto the sensing element, and onto the substrate so as to fabricate the array;
  - (b) detecting electrical signals resulting from dispensed droplets striking the sensing element;